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PATENT AND TRADEMARK OFFICEAPPLICANT  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	Anja Klein and Paul W. Baier, "Linear Unbiased Data Estimation in Mobile Radio Systems Applying CDMA", IEEE Journal on Selected Areas in Communications, Vol. 11, No. 7, September 1993, pp. 1058-1065
AB	Lars K. Rasmussen, Teng J. Lim and Ana-Louise Johansson, "A Matrix-Algebraic Approach to Successive Interference Cancellation in CDMA", IEEE Transactions on Communications, Vol. 48, No. 1, January 2000, pp. 145-151
AC	Anja Klein, Ghassan Kawas Kaleh and Paul W. Baier, "Zero Forcing and Minimum Mean-Square-Error Equalization for Multiuser Detection in Code-Division Multiple-Access Channels", IEEE Transactions on Vehicular Technology, Vol. 45, No. 2, May 1996, pp. 276-287
AD	H.R. Karimi and N.W. Anderson, "A Novel and Efficient Solution to Block-Based Joint-Detection Using Approximate Cholesky Factorization", Ninth IEEE International Symposium, Vol. 3, September 8-11, 1998, pp. 1340-1345
AE	Pulin Patel and Jack Holtzman, "Analysis of a Simple Successive Interference Cancellation Scheme in a DS/CDMA System", IEEE Journal on Selected Areas in Communications, Vol. 12, No. 5, June 1994, pp. 796-807
AF	Andrew L. C. Hui and Khaled Ben Letaief, "Successive Interference Cancellation for Multiuser Asynchronous DS/CDMA Detectors in Multipath Fading Links", IEEE Transactions on Communications, Vol. 46, No. 3, March 1998, pp. 384-391
AG	Youngkwon Cho and Jae Hong Lee, "Analysis of an Adaptive SIC for Near-Far Resistant DS-CDMA", IEEE Transactions on Communications, Vol. 46, No. 11, November 1998, pp. 1429-1432

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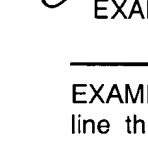
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	AH	Tik-Bin Oon, Raymond Steele and Ying Li, "Performance of an Adaptive Successive Serial-Parallel CDMA Cancellation Scheme in Flat Rayleigh Fading Channels", IEEE Transactions on Vehicular Technology, Vol. 49, No. 1, January 2000, pp. 130-147
	AI	"Channel Impulse Response Model", UMTS 30.03 version 3.2.0, TR 101 112 version 3.2.0 (1998), pp. 42-43 and 65-66
	AJ	3rd Generation Partnership Project; Technical Specification Group Radio Access Networks; UTRA (UE) TDD; Radio Transmission and Reception 3G TS 25.102 version 3.3.0 Release 1999, p. 37
	AK	3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical Channels and Mapping of Transport Channels onto Physical Channels (TDD), 3G TS 25.221 version 3.2.0 (2000-03), pp. 3-10
	AL	H.R. Karimi et al., "A Novel and Efficient Solution to Block-Based Joint-Detection Using Approximate Cholesky Factorization", IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, Vol. 3, 1998, pp. 1340-1345
	AM	J. Malard et al., "Efficiency and Scalability of Two Parallel QR Factorization Algorithms", Proceedings of the Scalable High-Performance Computing Conference (Cat. No. 94TH0637-9), Proceedings of IEEE Scalable High Performance Computing Conference, Knoxville, TN, USA, 23-25 May 1994, pp. 615-622

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	Steiner B et al., "Optimum and Suboptimum Channel Estimation for the Uplink of CDMA Mobile Radio Systems with Joint Detection," European Transactions on Telecommunications and Related Technologies, IT, AEI, Milano, vol. 5, no. 1, 1994, pages 39-50
	AP	Weilin Liu, "Performance of Joint Data and Channel Estimation Using Tap Variable Step-Size (TVSS) LMS for Multipath Fast Fading Channel," Proceedings of the Global Telecommunications Conference (GLOBECOM), 28 November 1994, pages 973-978

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<i>JS</i>	AQ	5	9	3	3	7	6	8	08/1999	Sköld et al.			
<i>JS</i>	AR	5	9	7	0	0	6	0	10/1999	Baier et al.			

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													YES	NO
<i>JS</i>	AS	1	1	6	3	0	2	4		CN			X *	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER <i>J. Pearce</i>	DATE CONSIDERED <i>12/20/04</i>
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